

SOLUTION FOR MILK PROBLEM IS GOAT MILK?

Prejudice Against the Animals Must Be Overcome Before They Are Used Universally.

INDUSTRY UNDEVELOPED

R. H. Emberson, State Club Leader, Says It Should Properly Start With Boys' and Girls' Clubs.

"See, Nannie, now, see how I get over them!"

This should be heard morning and evening on a goat farm, judging from the animated conversation of a Missouri farmer trying to soothe nervous Bessie at milking time.

Goats being a good butter, the butt of many jokes and an absolutely necessary individual at lodge and fraternity meetings, the goat is a milk producer, and, according to many persons, will solve the milk shortage in the cities. Goat milk is nutritious, being especially good for infants and invalids, but before it is used widely in the United States much prejudice will have to be overcome.

The goat is considered as a joke by many persons in this country. It is said to have an appetite for tin cans, pianos and baby carriages. However, goats are intelligent animals, for, according to an old song, when one unfortunate Billie who had thoughtlessly eaten a red flannel shirt was tied to a railroad track by his master as a sure means of preventing him from making any more mistakes, he merely coughed up the red shirt and flagged the train.

In Europe goat milk constitutes a large part of the diet of the poorer classes of people. Many families have one or two goats of their own, while others buy the milk from herd owners. In some places the people are guaranteed fresh milk, for the goats are driven from door to door and the milk is drawn by the herdman as ordered by the customers.

There are a few herds of purebred goats in Missouri, but according to R. H. Emberson, state club leader, the people of this state are not interested in goat raising. Boys' and girls' clubs have not yet turned their attention to goats, but probably would if the general prejudice against these animals could be overcome. He says that there is certainly a place for such an industry in Missouri and that it should properly start with the boys' and girls' clubs.

Miss Josephine J. Jenkins, a St. Louis girl, who started raising goats when she was 11 years old, has a fine herd of well-bred animals, according to the St. Louis Globe-Democrat. This girl thinks that if each family in St. Louis would keep a goat in the back yard the milk situation would be quickly improved, and many of the children who die every year because of undernourishment would be saved.

According to Jewell Mayes, secretary of the Missouri State Board of Agriculture, there are 304 farmers engaged in goat raising in this country, and 34 of

these are women. One of the leading goat raising men is a preacher.

Those persons interested in goat raising may obtain some information on the subject from Farmers' Bulletin 920, issued upon request by the United States Department of Agriculture, Washington, D. C. In this bulletin it is stated that the average cost of keeping a milk goat for a year was about \$11 in 1912. The average production of milk is about two quarts a day, and the milk is just as nutritious, if not more so, than cow's milk. The cost of producing a gallon of milk in 1912 was less than 7 cents while the price obtained for the milk ranged from 10 to 30 cents a quart.

The food of goats consists chiefly of roughage such as hay and bran, but, contrary to the popular belief, substantial foods must also be given to these animals if they are expected to produce much milk. Goats are scavengers in a sense but they are rather fastidious in their tastes when once accustomed to clean foods. Many farmers place goats on their land to clear it of sprouts. If milk goats were used for this purpose, the farmers could obtain an additional benefit from them.

The price of a purebred goat is higher than some persons think. Purebred bucks sell as high as \$100, while some of the best does sell for \$150. However, crossbred goats may be purchased for about \$10 or \$25 a head. It is almost impossible to buy the best breeds in this country but some good milkers can be easily obtained. The test of a good doe is not her pedigree but the amount and quality of the milk she produces.

Many persons cannot drink goat milk because of the taste. However, according to goat raisers, this taste can be avoided if the goat is kept clean and the milk not permitted to stand in the vicinity of the stables.

Hallsville Mail Carrier Injured.

G. W. Chandler, a mail carrier on the Hallsville route, who recently suffered an injury to one of his eyes, is improving. Mr. Chandler's eye was struck by a nail which flew up while he was working in his barn.

NEW BOOKS FOR LIBRARY

Several New Volumes Added in Recent Weeks.

New books which have recently been placed in the University Library are: "Lullington Downs" by John Massfeld; "Spirit of Russia" by T. G. Masary; "Standards in English" by J. J. Maloney; "A Concurrence of Words and Phases" by John D. Lawson; "Estates and Future Interests" by Albert M. Kales; "Andrew Jackson" by S. G. Hetsell; "General Psychology" by Walter S. Hunter; "Social and Constitutional Tendencies" by Dorothy Hughes; "The Law of Pleading" by E. W. Hinton; "Soil Alkali" by Franklin S. Harris; "Porfirio Diaz" by David Hannay; "Outlines of English History" by W. E. Haig; "Moral Basis of Democracy" by Arthur T. Hadley; "The Yeasts" by Alexandre Guillemond; "Almanacs of Students of English History" by E. A. Fry; "A Study in Educational Progress" by Albert N. Fretwell; "Lucullus and Horace" by G. C. Fiske; "Agricultural Geology" by Fredrick V. Emerson; "A Practical Treatise of Husbandry" by M. Duhamel; "In the World War" by Cernin; "Improvement and the Distribution of Practice" by Robert A. Cummins; "Psychology of Religion" by George A. Cox; "Educational Diagnosis of Individual Pupils" by Chester A. Buckner; "A General History of the World" by Oscar Browning; "Blossom Infection by Smuts and Natural Distribution of Smut Diseases" by Brefeld and Falk; "European History" by G. B. Adams; "Argument and Brief" by the American Electric Railway Association; "Oil Engines" by Lacey H. Morrison; "Later Middle Ages 1254-1494" by R. B. Mowat; "Philips Historical Atlas for Students" by Ramsay Muir; "A History of Rome" by J. L. Myers; "Something More" by Kirby J. L. Myers; "Outlines of Medieval History" by Prentice-Orton; "Manual of Personal Hygiene" by W. L. Fyle; "History of the United States From Haynes to McKinley" by J. F. Rhodes; "Theodore Roosevelt" by W. R. Thayer; "Charging the Jury" by "Carriers of Passengers" and "Laws of Trials" by S. D. Thompson; "The Law of Commercial Paper," "The Law of Sales," and "Police Power" by C. G. Tiedman; "Law of Real Property" by Herbert T. Tiffany; "Monograph on Pleistocene" by Sarah Wambaugh; "Theory of Errors and Least Squares" by Le Roy D. Weld; "Raum Zertu Materie" by H. Weyl.

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COURSES IN MOTHERCRAFT

Girls Taught Care of Children at Agricultural College of Utah.

Our universities and colleges have taught law, medicine, agriculture, journalism, engineering and the various physical sciences. The Agricultural College of Utah has gone a step further; it is teaching girls how to be efficient mothers. Four years ago, the course in mothercraft with twenty enrolled was begun by Dr. R. O. Porter, the college physician, who recognized the lack of information on the part of young mothers concerning the vital question of motherhood.

The aim of the course is to teach the girls what to buy for their children, what clothing to prepare for the newly born baby and how to care for young children of different ages. The equipment consists of model toys, sanitary manikins and a set of layettes. There are all sizes of dolls from the infant to the life-sized "Hospital Maggie." The dolls are built to the scale of normal children of different ages. Their joints are flexible so that they can be bathed and dressed easily.

There is a growing interest on the part of the girls taking the courses, says Miss Jessie Whitacre, assistant director of home economics. "Last year thirty-five girls were enrolled in each of the 3-hour courses. Since the course comes in the spring quarter no figures are available for this year."

CHRISTMAS PRESENTS

The best Christmas present you can possibly give your family is the guarantee backed up by the New York Life that Santa Claus will always visit your home as these happy seasons recur even though the Dad's chair may be vacant. W. G. Stephenson will be glad to show you more about this contract. Adv. S-98

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M. U. TEACHER GOES WEST

Makes Fifth to Go to San Diego School From Here.

Miss Katherine Helm of Hannibal, Mo., who received the degree of A. B. and A. M. in education here and who has been a teacher in the University Elementary School here for the last five years, has left for San Diego, Cal., where she will teach in the Frances W. Parker School for the remainder of the present school year.

The Frances W. Parker School now has five teachers from the University of Missouri. Three others from the University have been at some time connected with this school.

Miss Jessie Hill is associate principal, and has supervision of instruction in the school. Miss Bertha Trowbridge, B. S. '20, is teaching kindergarten work there and Miss Margaret Sinclair, the first and second grades. Miss Sinclair is in California on leave of absence from the University School for one year. Miss Marion Burris has charge of the third and fourth grades.

Miss Frances Giddings, a former student here, is the first and second grade teacher of the Parker School, but is this year on leave of absence in order to receive the A. B. degree at the University of California. Miss Mabel Prather taught at the Frances W. Parker School three years ago and J. L. Carter, A. B. and A. M., U. of M., taught there until his death in 1917.

J. I. Meriam, professor of school supervision in the University of Missouri, will visit the Frances W. Parker School

at San Diego in January, 1921, on a lecture tour through California.

This school is a private one instituted for the purpose of carrying on a more progressive system of education. Its founder, Mrs. William Templeton Johnson, has shown interest in the University School here in her introductions of efficient methods in her school. She has twice visited this school, and immediately after her first visit, sent a telegram asking Professor Meriam to send one of his teachers to her school.

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IT'S not always a matter of price. Many can afford straight Turkish cigarettes, expensive as they are.

The real reason is that straight Turkish cigarettes contain the much Turkish for steady smoking. They are over-rich—even heavy.

Men, for the most part, turn to part-Turkish or Turkish Blend cigarettes. And in a great many cases are disappointed. Why? Because the ordinary Turkish Blend contains too little Turkish—it lacks taste.

No doubt this explains Fatima's popularity with discriminating smokers.

For while Fatima does not contain too much Turkish, still it contains more than any other Turkish Blend—in other words "just enough Turkish" to please not tire, the taste.

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Historical Pageantry and Displays that will typify a Century of Progress by this incomparable state in which every county, city, town and hamlet will participate.

TWO NOTABLE CENTENNIAL FEATURES: A "Home-Coming" of all living former Missourians, and a Reunion of the living descendants of Missouri's 20 Governors. If YOU know the present whereabouts of former Missourians or Governors' descendants, please send this information to CENTENNIAL COMMITTEE, Chamber of Commerce, Sedalia, Mo.

MISSOURI'S 20th CENTURY

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Bigness Necessary for Service

IN some farm operations, in many manufacturing lines, and, more particularly, in refining and distribution of petroleum products, large scale operations are essential to insure maximum economy and service.

The production of crude oil varies but little on account of seasonal changes, and the refining processes are continuous operations.

The consumption of petroleum products, however, varies widely with the season. In summer, consumption for out-strips production, while during the winter months the reverse is true.

To prepare himself for the summer rush, the oil refiner, who is ambitious to render a maximum service, must operate his refineries at full capacity throughout the year, and must provide adequate storage to take care of his surplus output during the winter months, and store it against a day of maximum demand when the country roads and city boulevards are crowded with machines, and the farmer has his tractor in the field.

To perform this service requires the investment of huge sums of money, and the maintenance of a complete organization at all times.

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In carrying on its business, the Company has invested more than 185 million dollars; it operates four large refineries in which it manufactures the many varieties of petroleum products needed by the consuming public.

It operates 3215 bulk stations, more than 1000 filling stations, and a fleet of nearly 4000 tank delivery trucks.

Its permanent organization consists of about 23,000 efficient loyal men and women, working under one head, to render a service which makes it possible for you to get a gallon of gasoline, or a quart of oil, or a pound of grease, when you want it, and wherever you may be.

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